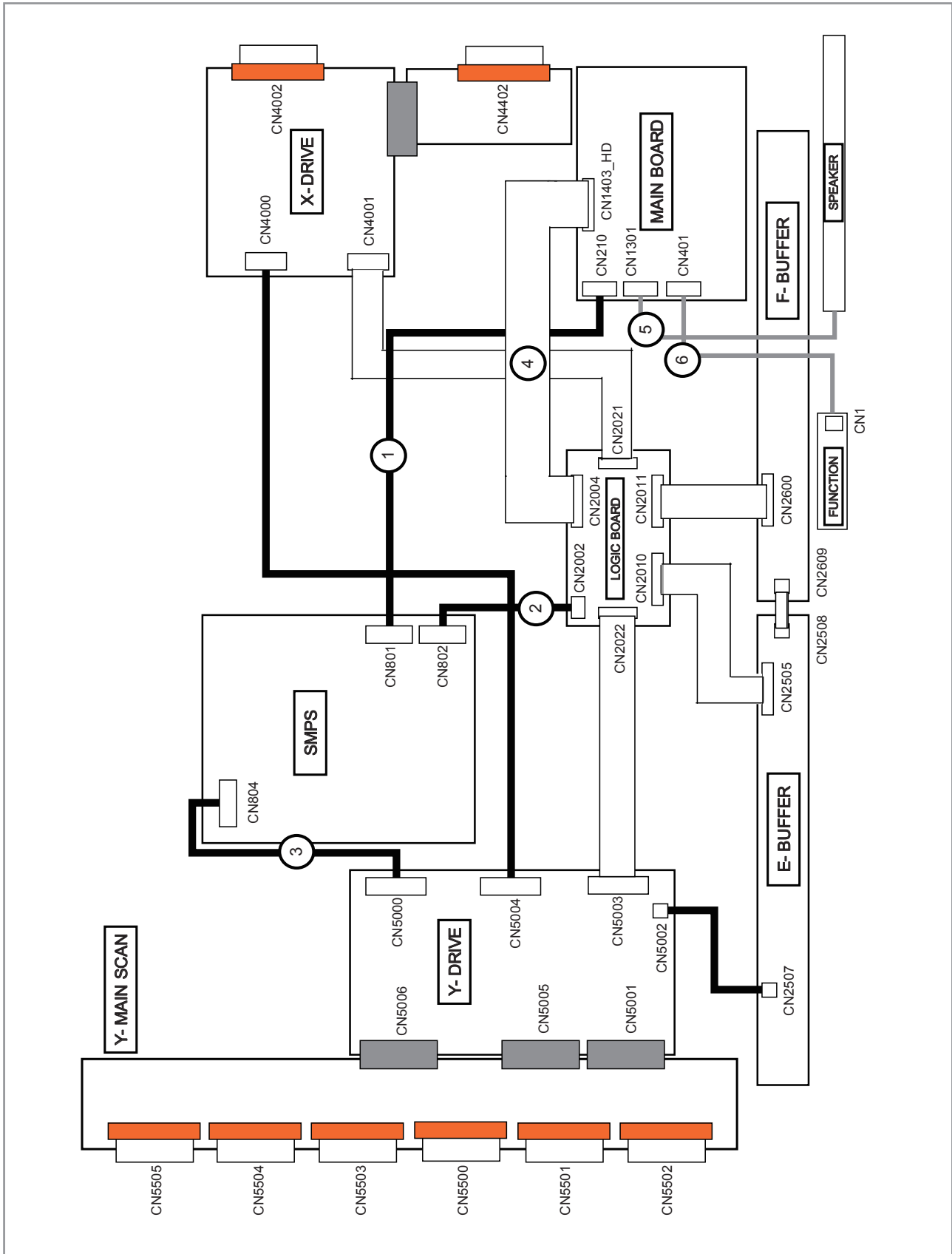


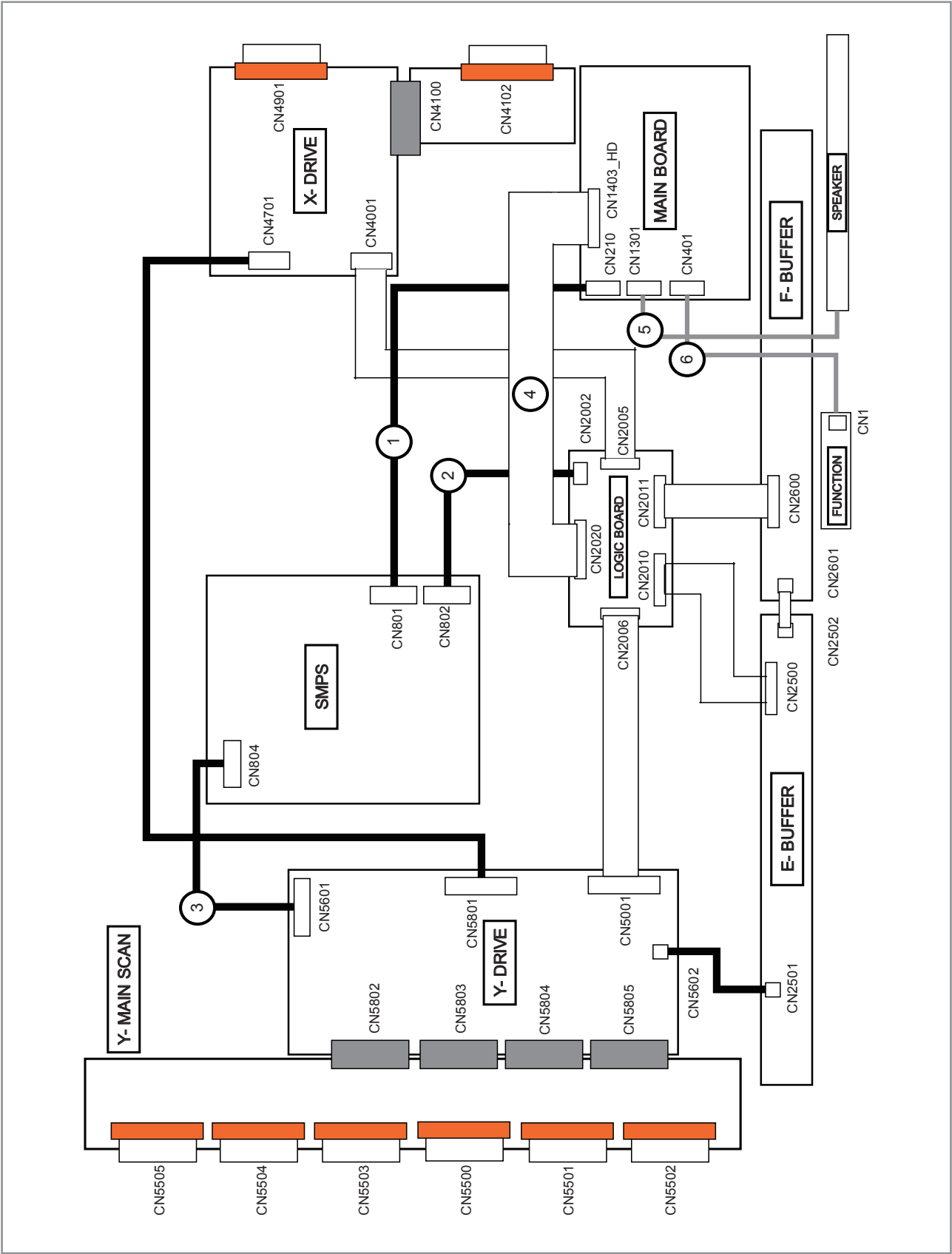
6. Wiring Diagram

6-1 Overall Wiring

■ 42" Overall Wiring

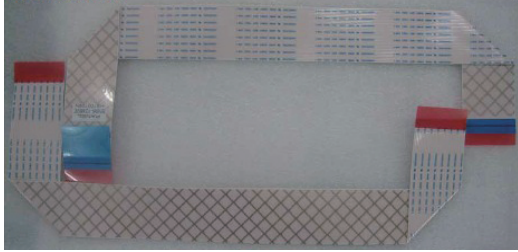


■ 50" Overall Wiring



※ The code number of cable(Lead-connector) can be changed, see “5. Exploded View & Part List.”

■ 42" Cable (Lead-connector)

Use	① POWER 12P	④ LVDS FFC 30P
Code	BN39-01285C	BN96-12469E
Photo		

■ 50" Cable (Lead-connector)

Use	① POWER 12P	④ LVDS FFC 30P
Code	BN39-01285A	BN96-12469G
Photo		

6-1-1 Pin Connection

① CN801 (SMPS) ↔ CN210 (Main Board)	
Pin No.	Signal
1	PS_ON
2	STBY
3	GND_15Vamp
4	15Vamp
5	GND_5.3V
6	GND_5.3V
7	5.3V
8	5.3V
9	GND_15V
10	15V
11	15V
12	5.3V

② CN802 (SMPS) ↔ CN2002 (Logic Board)	
Pin No.	Signal
1	D5.3V
2	D5.3V
3	GND
4	GND
5	PS_ON
6	VS_ON

③ CN804 (SMPS) ↔ CN5000 (42" Y Board) / CN5601 (50" Y Board)	
Pin No.	Signal
1	Vs
2	Vs
3	GND
4	Vg
5	GND
6	Va

④ CN1403_HD (MAIN Board) ↔ CN2004 (42" Logic Board) / CN2020 (50" Logic Board)			
Pin No.	Signal	Pin No.	Signal
1	SDA	16	ROCLK+
2	GND	17	ROCLK-
3	SCL	18	GND
4	GND	19	RO[2]+
5	UART Rx	20	RO[2]-
6	GND	21	GND
7	UART Tx	22	RO[1]+
8	GND	23	RO[1]-
9	3D_SYNC	24	GND
10	GND	25	RO[0]+
11	PDP_GO	26	RO[0]-
12	GND	27	RO[4]+
13	RO[3]+	28	RO[4]-
14	RO[3]-	29	GND
15	GND	30	GND

⑤ CN1301 (MAIN Board) ↔ SPEAKER	
Pin No.	Signal
1	R+_OUT
2	R-_OUT
3	L+_OUT
4	L-_OUT

⑥ CN401 (MAIN Board) ↔ POWER&IR	
Pin No.	Signal
1	IR
2	GND
3	A3.3V
4	SCL
5	SDA
6	KEY_INPUT1
7	KEY_INPUT2
8	LED
9	A3.3V
10	GND

6-1-2 Connector role

Loc. No.	Description
CN801	Power input connect (12 Pin) for Main Board
CN802	Power input connect (6 Pin) for Logic Board
CN804	Vs (202V), Vg (15V) Power input connect (6 Pin) of SMPS for Y-Drive
CN210	Power input connect (12 Pin) from SMPS
CN1301	Speak out connect on Main Board
CN1403_HD	Image signal (LVDS) connect (31 Pin) for Logic board